

UNION PACIFIC RAILROAD COMPANY

ORIGINAL

Donald R. York  
Manager Industry & Public Projects  
(708) 649-5210  
dryork@up.com



Mailing Address:  
301 West Lake Street, Suite 103  
Northlake, Illinois 60164  
FAX (708) 649-5418

June 11, 2001

Mr. Michael E. Stead  
Railroad Safety Program Administrator  
Illinois Commerce Commission  
527 East Capitol Avenue  
P. O. Box 19280  
Springfield, IL 62794-9280

RECEIVED  
JUN 13 2001

Illinois Commerce Commission  
RAIL SAFETY SECTION

**RE: Crossing: Public  
IL. Gurnee  
Remote GCP  
MP 27.39 Milwaukee Sub.  
Covers DOT#176 822Y and DOT#176 821S**

Dear Mr. Stead:

Enclosed is a Form 1 application requesting authority to make the changes as described in attachments for the above named crossing. Also enclosed is a Form 2 Notice reflecting the changes which have been made.

Please acknowledge receipt of this letter by stamping the duplicate copy and returning it in the enclosed self addressed stamped envelope.

Sincerely,

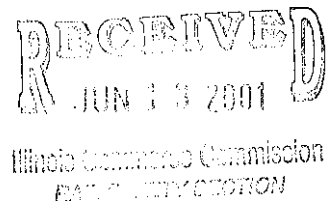
Donald R. York  
Manager Industry & Public Projects

Cc: M. W. Payette (with enclosures)  
M. H. Shumate, Jr. (with enclosures)  
D. E. Peterson (with enclosures)

700-0095

4 W

STATE OF ILLINOIS  
Illinois Commerce Commission  
Transportation Division



Form 1

Notice of proposed minor change in crossing  
protection under 92 Illinois Administrative  
Code 1535.400(b) and (c).

Date: June **11, 2001**

To the Illinois Commerce Commission:

The **(Union Pacific Railroad Company)** hereby gives notice that it proposes to make a change, designated as a minor change under 92 Illinois Administrative Code 1535.400 (b) and (c) in crossing Number **Remote GCP location located at MP27.39, related to 176 821S and 176 822Y** located near **Gurnee**, being the crossing of **Remote GCP location at MP27.39**, with **Milwaukee Subdivision**. A full statement of the proposed changes are as follows:  
**Increased warning time at MP 27.97**

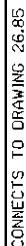
Union Pacific

BY

  
\_\_\_\_\_  
**Donald R. York**  
**Manager Industry & Public Projects**  
**708-649-5210**

(Attach additional sheet if necessary)

*Completion of this form is necessary to accomplish the statutory purpose as outlined in the Illinois Commercial Transportation Law, Section 18c-7401. This form has been approved by Forms Management Center.*




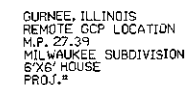
TRANSMITTER AND RECEIVER LEADS  
TO BE SEPARATED BY AT LEAST 12" IN TRENCH.  
LENGTHS SHOULD NOT EXCEED MANUFACTURERS  
RECOMMENDATION.

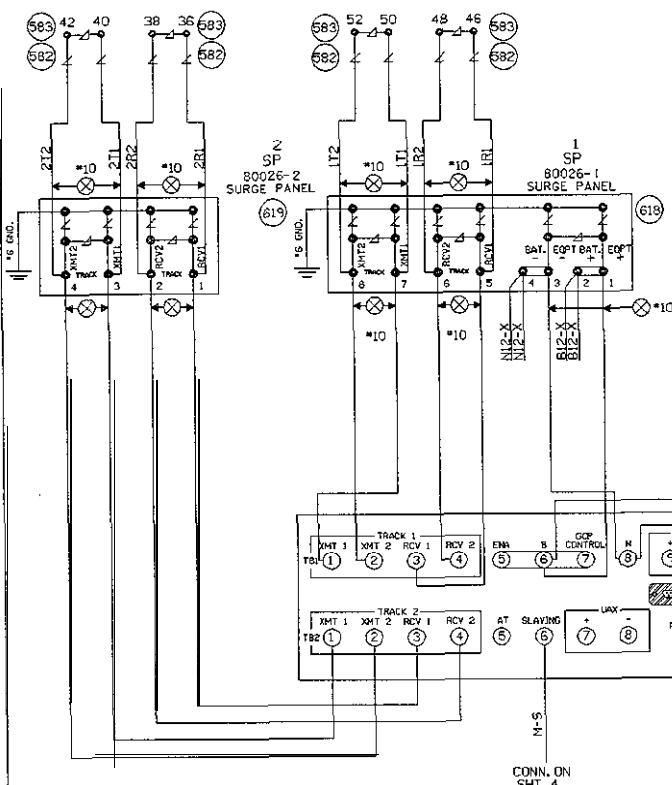
REFER TO UP STANDARD DWG. FOR BUNGALOW  
GROUNDING.



GURNEE, ILLINOIS  
REMOTE GCP LOCATION  
M.P. 27.39  
MILWAUKEE SUBDIVISION  
6'X6' HOUSE  
PRDJ."

REV. 5-28-01 INCREASED WARNING TIME AT MP. 27.97. W.D. #32666 4-18-01 JJF DJE/WITT/HAR/JNM		REV. 10-16-00 INCREASED WARNING TIME AT MP. 26.85. J.S. 8-2-00 RBA DJE/WITT/HAR/JNM		MODIFICATION LEVEL Q.A. LAST LEVEL CHK'D. CI LAST LEVEL MOD. THIS TYP. CK LAST LEVEL BY DESIGNER. CP CHANGED FROM TYP.2 Y/N Y		UNION PACIFIC  SIGNAL DESIGN		DES: HARMON CDR: HARMON CHK: RBA A.F.E. 31467 ID: NEWD2735.1		UNION PACIFIC RAILROAD B.J. EAST, WISCONSIN TO GRAND AVENUE, ILLINOIS A.B.S. CIRCUITS OFFICE OF CHIEF ENGR DANA NEBR.		DATE 4-6-99 SHEET 1 DWG 27.39 NEW	
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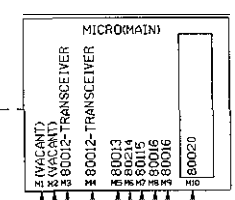
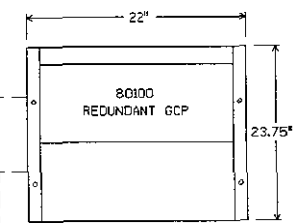
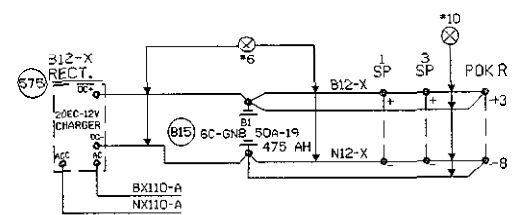
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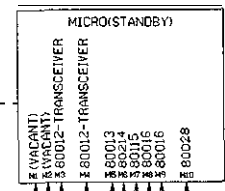
NOTE:  
THIS DRAWING WAS DESIGNED FOR A  
SPECIFIC APPLICATION. IF A MODIFICATION  
OR REDESIGN OF THIS DRAWING CAUSES ANY  
MODULES TO CHANGE, THE UNIT'S PART NUMBER  
MUST BE CHANGED TO CORRESPOND ACCORDINGLY.

NOTE:  
EACH TRANSMITTER TO RAIL WIRE FROM TBI-1 AND TBI-2 MUST NOT EXCEED  
THE MAXIMUM LENGTH SPECIFIED IN THE TABLE SHOWN BELOW. THE RECEIVER  
WIRE LENGTH IS NOT CRITICAL. DOES NOT APPLY TO 6 WIRE TRACK  
APPLICATION.

WIRE FREQUENCY (HZ)	MAXIMUM TRANSMIT WIRE LENGTH (FEET)
86	100
114	125
156	150
211	200
285-970	250



- CONTROL INTERFACE ASSEMBLY
- DAX #2 MODULE
- DAX #1 MODULE
- DATA RECORDER MODULE
- PROCESSOR MODULE
- RELAY DRIVE MODULE
- TRANSCIVER #2 MODULE
- TRANSCIVER #1 MODULE
- ISLAND #2 MODULE
- ISLAND #1 MODULE

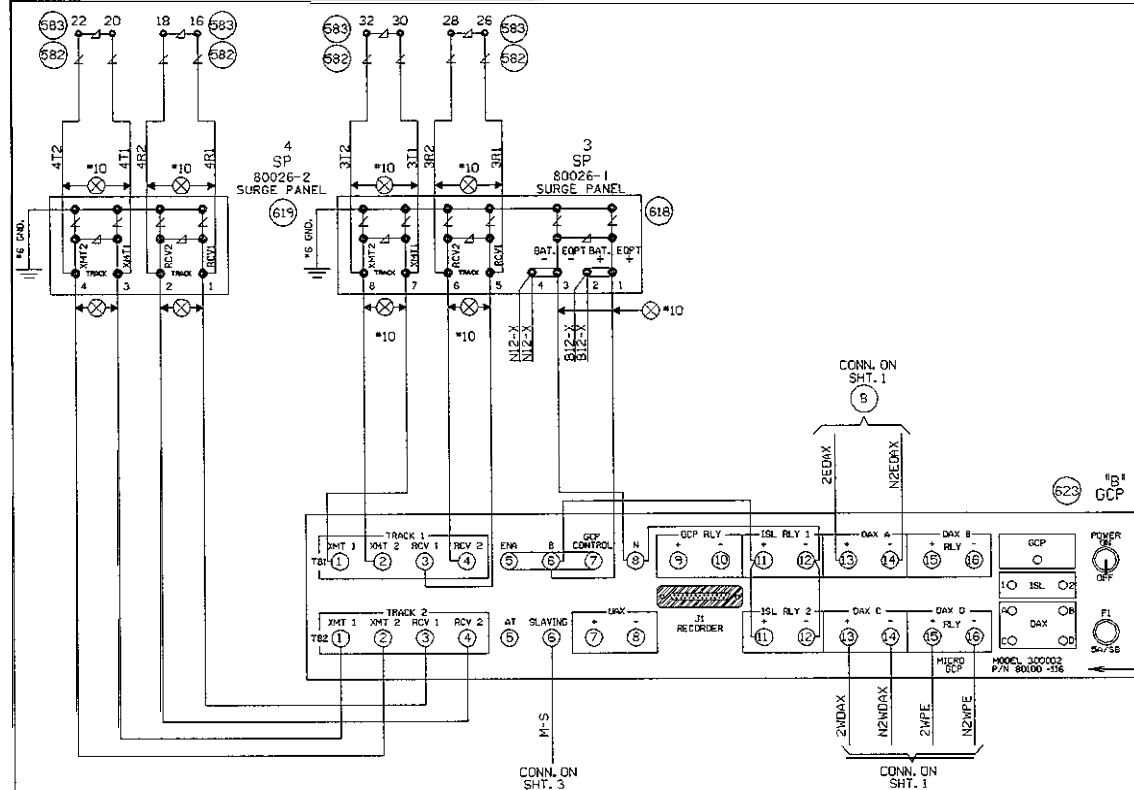


- TRANSFER MODULE
- DAX #2 MODULE
- DAX #1 MODULE
- DATA RECORDER MODULE
- PROCESSOR MODULE
- RELAY DRIVE MODULE
- TRANSCIVER #2 MODULE
- TRANSCIVER #1 MODULE
- ISLAND #2 MODULE
- ISLAND #1 MODULE

GURNEE, ILLINOIS  
REMOTE GCP LOCATION  
M.P. 27.39  
MILWAUKEE SUBDIVISION  
6'18" HOUSE  
PROJ. #

REV. 5-26-01 INCREASED WARNING TIME AT M.P. 27.97. W.O. #32666 4-18-01 JJS DJE/MTT/HAR/INM	REV. 10-16-00 INCREASED WARNING TIME AT M.P. 26.65. I.S. 8-2-00 DJE/MTT/HAR/INM	MODIFICATION LEVEL D.B. LAST LEVEL CHG'D. CI LAST LEVEL MOD THIS TYP. CK LAST LEVEL BY DESIGNER. CP CHANGED FROM TYP. Y/N Y	UNION PACIFIC DES. HARMON CHK. HARMON R.E. 31167 ID= NEW02739.3	UNION PACIFIC RAILROAD B.J. EAST, WISCONSIN TO GRAND AVENUE, ILLINOIS A.B.S. CIRCUITS OFFICE OF CHIEF ENGR	DATE 4-6-99 SHEET 3 DWG 27.39 NEW
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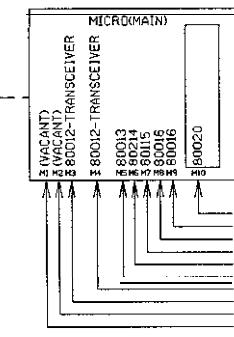
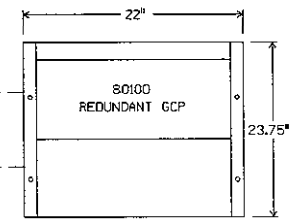
(REV. 6-1-98) (66PRM03E)



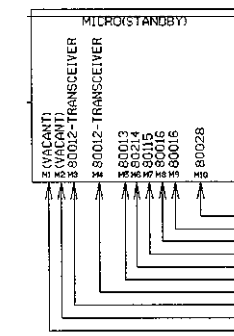
NOTE:  
THIS DRAWING WAS DESIGNED FOR A SPECIFIC APPLICATION. IF A MODIFICATION OR REDESIGN OF THIS DRAWING CAUSES ANY MODULES TO CHANGE, THE UNIT'S PART NUMBER MUST BE CHANGED TO CORRESPOND ACCORDINGLY.

NOTE:  
EACH TRANSMITTER TO RAIL WIRE FROM T81-1 AND T81-2 MUST NOT EXCEED THE MAXIMUM LENGTH SPECIFIED IN THE TABLE SHOWN BELOW. THE RECEIVER WIRE LENGTH IS NOT CRITICAL. DOES NOT APPLY TO 6 WIRE TRACK APPLICATION.

M <sup>1</sup> FREQUENCY (HZ)	MAXIMUM TRANSMIT WIRE LENGTH (FEET)
86	100
114	125
156	150
211	200
285-970	250



- CONTROL INTERFACE ASSEMBLY
- DAX #2 MODULE
- DAX #1 MODULE
- DATA RECORDER MODULE
- PROCESSOR MODULE
- RELAY DRIVE MODULE
- TRANSCIVER #2 MODULE
- TRANSCIVER #1 MODULE
- ISLAND #2 MODULE
- ISLAND #1 MODULE

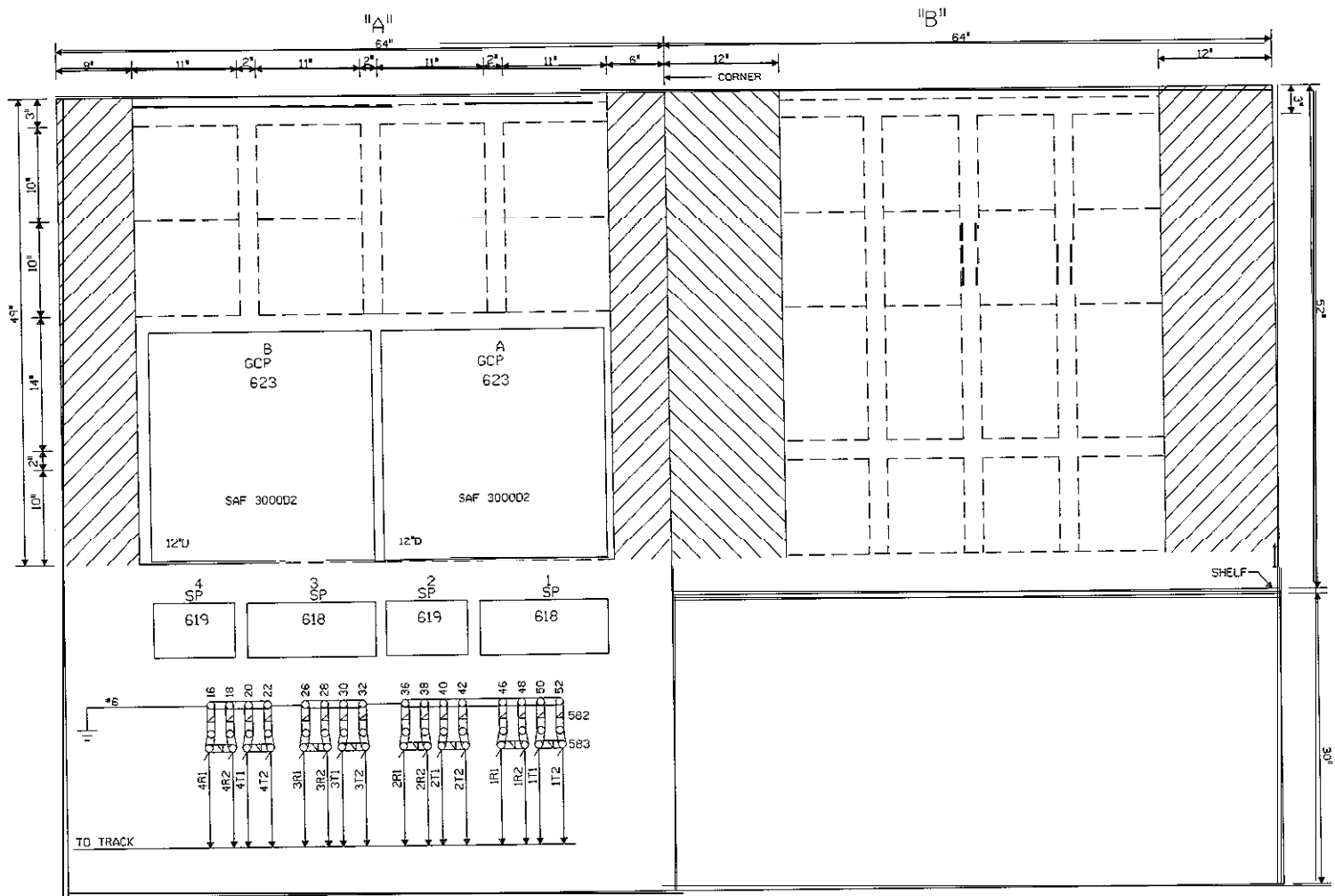


- TRANSFER MODULE
- DAX #2 MODULE
- DAX #1 MODULE
- DATA RECORDER MODULE
- PROCESSOR MODULE
- RELAY DRIVE MODULE
- TRANSCIVER #2 MODULE
- TRANSCIVER #1 MODULE
- ISLAND #2 MODULE
- ISLAND #1 MODULE

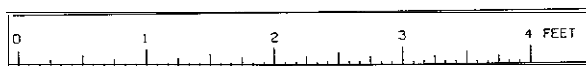
GURNEE, ILLINOIS  
REMOTE GCP LOCATION  
M.P. 27.39  
MILWAUKEE SUBDIVISION  
5'X6' HOUSE  
PROJ. #

REV. 5-28-01 INCREASED WARNING TIME AT M.P. 27.39, M.D. 32666 4-18-01 JJP DJE/WITT/HAR/JHM	MODIFICATION LEVEL Q.A. LAST LEVEL CHK'D. LAST LEVEL MOD. THIS TYP. LAST LEVEL BY DESIGNER. CHANGED FROM TYP. Y/N	CI CK CP Y	UNION PACIFIC SAFETY SIGNAL DESIGN	DES: HARMON CHK: JJP R.F.S. 32666 ID: NEW02739.4	UNION PACIFIC RAILROAD B.J. EAST, WISCONSIN TO GRAND AVENUE, ILLINOIS A.B.S. CIRCUITS OFFICE OF CHIEF ENGR	DATE: 8-16-99 SHEET 4 DWG 27.39 NEW
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NOTE: ALL DIMENSIONS SHOWN  
ARE APPROXIMATE.



SCALE: 1.5 INCHES = 1 FOOT

GURNEE, ILLINOIS  
REMOTE GCP LOCATION  
M.P. 27.39  
MILWAUKEE SUBDIVISION  
6'X8' HOUSE  
PROJ.\*

REV. 5-28-01  
INCREASED WARNING  
TIME AT M.P. 27.97.  
V.O. #32666  
4-18-01  
JJF  
DJE/WIT/HAR/JNM

REV. 10-16-00  
INCREASED WARNING  
TIME AT M.P. 26.85.  
V.O. #32666  
4-18-01  
RBA  
DJE/WIT/HAR/JNM

MODIFICATION LEVEL  
O.A. LAST LEVEL CHK'D. CI  
LAST LEVEL MOD. THIS TYP. CK  
LAST LEVEL BY DESIGNER. CP

CHANGED FROM TYP.? Y/N Y



DES: HARMON  
DIG: HARMON  
CHK: RBA  
A.F.E. 31467  
ID=NEW02739.5

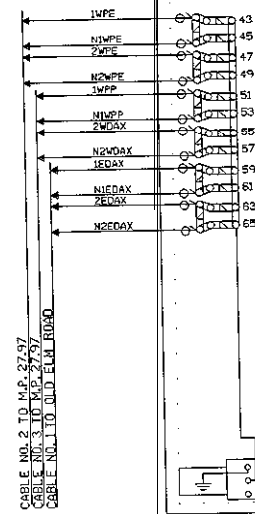
UNION PACIFIC RAILROAD  
B.J. EAST, WISCONSIN TO  
GRAND AVENUE, ILLINOIS  
A.B.S. CIRCUITS

OFFICE OF CHIEF ENGR

CHAMA NEBR.

DATE 4-8-99  
SHEET 5  
DWG 27.39  
NEW

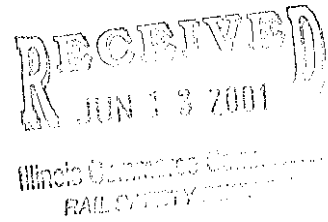
(REV. 6-1-98 ) (AB4X6HSE.TYP)



REV. 5-28-01 INCREASED WARNING TIME AT M.P. 27.97. W.O. *32668 4-18-01 JJF DJE/WITT/HAR/JNM	REV. 10-16-00 INCREASED WARNING TIME AT M.P. 26.85. I.S. 8-2-00 RBA DJE/WITT/HAR/JNM
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STATE OF ILLINOIS  
Illinois Commerce Commission  
Transportation Division



Form 2

Notice of completion of minor change in crossing  
protection under 92 Illinois Administrative Code  
1535.400(c).

Date: June **11, 2001**

To the Illinois Commerce Commission:

The **Union Pacific Railroad Company** hereby gives notice that on **May 28, 2001** it completed the making of a minor change at crossing Number **Remote location at MP27.39 related to 176 821s and 176 822Y** in accordance with the notice proposing such change given to this Commission on **June 11, 2001**.

**Union Pacific Railroad Company**

By

\_\_\_\_\_  
**Donald R. York**  
**Manager Industry & Public Projects**  
**708-649-5210**